

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050385

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H04Q7/38 H04L12/28 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>US 2003/210680 A1 (RAO SHEKAR A ET AL)          13 November 2003 (2003-11-13)</p> <p>sentences 1-3, paragraph 4          sentence 3, paragraph 7          paragraph '0024!          sentence 4, paragraph 29          sentence 5, paragraph 42          sentences 5-7, paragraph 55          paragraphs '0056!, '0058!, '0060!          sentence 1, paragraph 67          paragraph '0077!          sentence 1, paragraph 80          paragraph '0106!</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1-6

Further documents are listed in the continuation of box C

Patent family members are listed in annex.

\* Special categories of cited documents

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

29 April 2005

Date of mailing of the international search report

10/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nt,  
 Fax. (+31-70) 340-3016

Authorized officer

Chimet, D

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>PERKINS J ET AL: "Pulse train deinterleaving via the Hough transform"  ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 1994. ICASSP-94., 1994 IEEE INTERNATIONAL CONFERENCE ON ADELAIDE, SA, AUSTRALIA 19-22 APRIL 1994, NEW YORK, NY, USA, IEEE, vol. iii, 19 April 1994 (1994-04-19), pages III-197, XP010134245  ISBN: 0-7803-1775-0  figures 1,2,5,7  left-hand column, lines 1-4, paragraph 1  right-hand column, lines 2-5, paragraph 1  paragraph '0002!  right-hand column, lines 5-9, paragraph 3  paragraph '03.2!  paragraph '0004!</p> <p>-----</p>	1-6
A	<p>US 2003/107512 A1 (MCFARLAND WILLIAM ET AL) 12 June 2003 (2003-06-12)  figure 4  sentence 1, paragraph 16  paragraphs '0017!, '0020!, '0036!  paragraphs '0039!, '0062!</p> <p>-----</p>	1-6

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Information on patent family members

International Application No

PCT/IB2005/050385

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 2003210680	A1 13-11-2003	AU	2003223715 A1		10-11-2003
		CA	2480094 A1		06-11-2003
		EP	1497958 A1		19-01-2005
		WO	03092231 A1		06-11-2003
US 2003107512	A1 12-06-2003	AU	2002310410 A1		23-06-2003
		EP	1454162 A1		08-09-2004
		WO	03050560 A1		19-06-2003